

10/541003
REC'D PCT/PTO 28 JUN 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau

(43) International Publication Date
15 July 2004 (15.07.2004)

PCT

(10) International Publication Number
WO 2004/058452 A3(51) International Patent Classification⁷: B24C 1/08,
1/00, B24B 13/00, 49/12

Hedser [NL/NL]; Waterbics S8, NL-2548 WZ Den Haag (NL). DE HAAN, Hugo, Anton, Marie [NL/NL]; Avafura 1, NL-5691 JA Son (NL). KORPERSHOEK, Jacobus, Johannes [NL/NL]; Koekoekslaan 19, NL-3121 JX Schiedam (NL). SAUNDERS, Ian, J. [NL/NL]; Buiksloterbreek 7, NL-1034 XC Amsterdam (NL).

(21) International Application Number:
PCT/NL2003/000946

(74) Agent: PRINS, A.W.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(22) International Filing Date:
30 December 2003 (30.12.2003)

(81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, PI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SI, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: Dutch

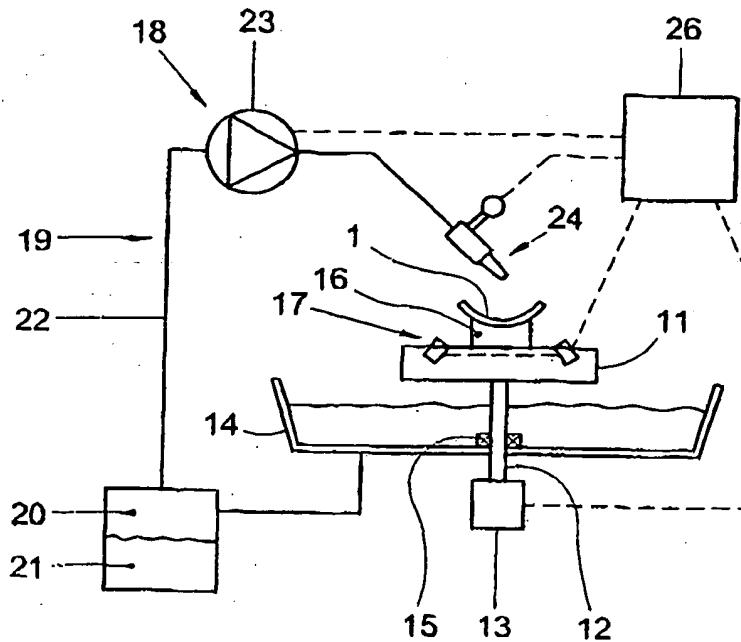
(26) Publication Language: English

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

(30) Priority Data:
1022293 31 December 2002 (31.12.2002) NL

(Continued on next page)

(54) Title: APPARATUS AND METHOD FOR MANUFACTURING OR WORKING OPTICAL ELEMENTS AND/OR OPTICAL FORMING ELEMENTS, AND SUCH ELEMENT.



(57) Abstract: The invention relates to an apparatus for forming or working optical elements and/or optical forming elements (1) comprising a working apparatus (18) for forming surfaces of form parts by machining or an abrasive technique, wherein at least one measuring device (17) is provided for measuring changes in form and/or surface roughness of said surface when said surface is being worked and, on the basis thereof controlling said working apparatus (18).

TERMIN 30-06-05 (9u/m)	
15 DEC 2004	
SEARCHED	
ber. cl. 2012/04	
P 61391 PCoo	

WO 2004/058452 A3

Best Available Copy